

#### Amendment to the Specification.

Please delete figures 4 and 5 and replace them with figures 4 and 5 which are enclosed herewith.

Please delete the sequence listing and replace it with the enclosed substitute sequence listing.

Please replace 3<sup>rd</sup> full paragraph of page 4 with the following paragraph:

~~"Fig. 4: are sequences~~ Sequences of (a) pMLP1 attP (region containing the attP site) (SEQ ID NO: 10), (b) M. carbonacea attB region (nucleotide sequence) (SEQ ID NO: 4), (c) pSPRH840 attB/attP left juncture region (SEQ ID NO: 5), (d) pSPRH840 attP/attB right juncture region (nucleotide sequence) (SEQ ID NO: 6), ~~(appearing first, second, third and fourth, respectively).~~ Regions of attP, attB, and attB/attP sharing homology are indicated by bold larger sized font. ~~First sequence (a),~~ pSPRH840 attP site indicated by large bold font; ~~Second sequence (b),~~ M. carbonacea attB site indicated by large bold font (nucleotide sequence). Arrows indicate: ~~First sequence (a),~~ attP (pSPRH840 attachment site); ~~Second sequence (b),~~ M. carbonacea tRNA-His gene and attB site (nucleotide sequence); ~~Third sequence (c),~~ pSPRH840 attB/attP tRNA-His gene; ~~Fourth sequence (d),~~ pSPRH840 attP/attB 3' region of tRNA-His gene (nucleotide sequence). Inverted repeats are indicated by small arrows. The amino acid sequence in (b) and (d) is set forth in SEQ ID NO: 17."

Please replace 4<sup>th</sup> full paragraph of page 4 with the following paragraph:

~~"Fig. 5: are sequences~~ Sequences of (a) pMLP1 attP (region containing the attP site) (SEQ ID NO: 10), (b) M. halophitica attB region (nucleotide sequence) (SEQ ID NO: 7), (c) pSPRH840 attB/attP left juncture region (SEQ ID NO: 8), (d) pSPRH840 attP/attB right juncture region (nucleotide sequence) ~~(appearing first, second, third and fourth respectively)~~ (SEQ ID NO: 9). Regions of attP, attB, attB/attP and attP/attB sharing homology are indicated by bold larger sized font. ~~First sequence(a)~~, pSPRH840 attP site indicated by large bold font; ~~Second sequence(b)~~, *M. halophitica* attB site indicated by large bold font (nucleotide sequence). Arrows indicated: ~~First sequence(a)~~, attP (pSPRH840 attachment site); ~~Second sequence(b)~~, *M. halophitica* tRNA-His gene and attB site (nucleotide sequence); ~~Third sequence(c)~~, pSPRH840 attB/attP tRNA-His gene; ~~Fourth sequence(d)~~, pSPRH840 attP/attB 3' region of tRNA-His gene (nucleotide sequence). k Inverted repeats are indicated by small arrows. The amino acid sequence in (b) and (d) is set forth in SEQ ID NO: 18."

Please replace the first full paragraph on page 23 (lines 3-13) with the following:

"PCR primers PDH504 (5' AGGGCAACAAGGGAAGCGTC 3') (SEQ ID NO: 13) and PDH505 (5' GGCGGGGGTGTGGCTATTATT 3') (SEQ ID NO: 14) were designed to amplify the attB region from *M. carbonacea*. PCR amplification of *M. carbonacea* chromosomal DNA yielded a fragment with homology to tRNA-His (bp 45. . .119, Fig. 4b). Contained within this tRNA-His gene, at the 3' end, is the *M. carbonacea* attB site (bp 95. . .119, Fig. 4b) that has perfect homology to the pMLP1 attP site (bp 101. . .125, Fig. 4a). PCR primers PDH 502 (5' TTGTTGGTCCGGCCCGCAACG 3') (SEQ ID NO: 19) were designed to

amplify the attB region from *M. halophitica*. PCR amplification of *M. halophitica* chromosomal DNA yielded a fragment with homology to tRNA-His (bp 45. . .120, Fig. 5b). Contained within this tRNA-His gene, at the 3' end, is the *M. halophitica* attB site (bp 96. . .121, Fig. 5b) that has perfect homology to the pMLP1 attP site (bp 101. . .125, Fig. 5a)."